| Index of Claims  |          |  |   |           |          |          |          |          |          |           |                              |            | Ap              | Application No.       |              |          |                      |              |         |          |                 |            | Applicant(s) |                 |          |         |          |          |                    |           |   |  |
|--|----------|--|---|-----------|----------|----------|----------|----------|----------|-----------|------------------------------|------------|-----------------|-----------------------|--------------|----------|----------------------|--------------|---------|----------|-----------------|------------|--------------|-----------------|----------|---------|----------|----------|--------------------|-----------|---|--|
|  |          |  |   |           |          |          |          |          |          |           |                              |            |                 | 09/                   | 09/463,643   |          |                      |              |         |          |                 |            |              | NAKAMURA ET AL. |          |         |          |          |                    |           |   |  |
|  |          |  |   |           |          |          |          |          |          |           |                              |            |                 | Examiner              |              |          |                      |              |         |          |                 | ヿ          | Art Unit     |                 |          |         |          |          |                    |           |   |  |
|  |          |  |   |           |          |          |          |          |          |           |                              |            |                 | D Milliam Daymatata   |              |          |                      |              |         |          |                 | 2815       |              |                 |          |         |          |          | -                  | Ì         |   |  |
| <br>C MERRI SONO CELLO DELLE RICES UNO SUID DELLE CIA LEGIT B. |          |  |   |           |          |          |          |          |          |           |                              |            |                 | B. William Baumeister |              |          |                      |              |         |          |                 | 28         | 115          |                 |          |         |          |          |                    |           |   |  |
| [ <del></del>  |          |  |   |           |          |          |          |          |          |           |                              |            |                 |                       |              | -        |                      | _            |         | $\Box$   | -               |            |              |                 | $\neg$   |         |          |          |                    |           |   |  |
| √ Rejected   |          |  |   |           |          |          |          | -        |          |           | (Through numer:<br>Cancelled |            |                 |                       | *" N         |          | Non-Elected          |              |         | ed       |                 | A          | Appeal       |                 |          |         |          |          |                    |           |   |  |
|  |          |  |   |           |          |          |          | -        |          |           |                              |            |                 |                       |              | ┨ ┣╂╌──  |                      |              |         | $\dashv$ |                 | Н          | <del> </del> |                 | $\dashv$ |         |          |          |                    |           |   |  |
| = Allowed  |          |  |   |           |          |          |          |          | +        |           | Restricted                   |            |                 |                       |              |          | ı                    | Interference |         |          | ce              |            | 0            | O Objected      |          |         |          |          |                    |           |   |  |
|  |          |  |   |           |          |          |          |          | ш        | L         |                              |            |                 |                       |              |          |                      |              |         |          |                 | ш          |              |                 |          |         |          |          |                    |           |   |  |
| Ck   | im       |  |   |           |          | ate      | _        |          |          |           | CI                           | Claim      |                 |                       |              | Date     | ate                  |              |         |          | Cla             | im         | Ц.           | Ţ               | Date     |         |          | _        |                    |           |   |  |
| =  | žā.      | ŀ  |   |           |          |          |          |          |          |           | =                            | 룓          | 8               | 1                     |              | 1        |                      |              |         |          | -               | ZE         |              |                 |          |         |          |          |                    | ١         |   |  |
| Final  | Original |  |   |           |          |          |          |          |          |           | Final                        | Original   | 10/9/04         |                       |              |          |                      | 1            |         |          | Final           | Original   | П            | -               |          |         |          |          |                    |           |   |  |
|  | 0        |  |   |           | _        | Ц        |          |          |          | Ш         | <u> </u>                     | 1          |                 | 4                     | _            | <u> </u> | Ш                    | _            | $\bot$  |          |                 |            | Ш            | 4               | 4        | ╄       |          | Ш        | 1                  | 4         |   |  |
| •  | +        | -  | Н | $\dashv$  | $\dashv$ | Н        | Н        | $\vdash$ | -        | Н         | <u> </u>                     | 51<br>52   | $\vdash$        | +                     | +            | +-       | Н                    | ┿            | ╂┤      |          |                 | 101<br>102 | Н            | ╅               | +        | ╀       | $\vdash$ | Н        | $\dashv$           | ┥         |   |  |
|  | 1        |  |   |           |          |          |          |          |          |           |                              | 5          |                 |                       |              |          |                      |              | $\perp$ |          |                 | 103        | П            | コ               | 丰        | 工       |          | 口        | $\Box$             |           | • |  |
|  | 7        | L  | П |           |          |          |          | _        |          | Ш         |                              | 54<br>55   | -               | 4                     | - -          | +        | Н                    | +            | +       |          |                 | 104        |              | +               | +        | ╀       | L        | Н        | -                  | 4         |   |  |
| -  | 1        | H  | Н | Н         | $\dashv$ | Н        | Н        | ┝        | H        | Н         | $\vdash$                     | 54         | Н               | +                     | +            | +        | $\vdash$             | +            | +       | l        |                 | 106        |              | +               | +        | +       | $\vdash$ | Н        | $\dashv$           | ┨         |   |  |
|  | İ        |  |   |           |          |          |          |          |          |           |                              | 5          |                 | $\Box$                | 丁            |          | 口                    | 1            | $\perp$ |          |                 | 107        |              | 7               | 1        | I       |          |          | $\Box$             |           |   |  |
|  | B        | -  | Н |           | _        |          | H        | ⊢        | L        | H         | -                            | 58<br>59   | Н               | -                     | +            | +        | ${oldsymbol{arphi}}$ | +            | +       | 1        |                 | 108<br>109 |              | +               | +        | +       | H        | Н        | $\dashv$           | $\dashv$  |   |  |
| -  | 9        | $\vdash$   | Н | $\dashv$  | $\vdash$ | H        | Н        | ┝        | $\vdash$ | H         | $\vdash$                     | 66         | Н               | -                     | +            | +        | H                    | 十            | T       | 1        |                 | 110        |              | 士               | 土        | 士       |          |          |                    | ╛         |   |  |
|  | 11       |  | П |           |          |          |          |          |          |           |                              | 6          |                 | $\Box$                | T            |          | П                    | 1            | $\perp$ |          |                 | 111        | П            | 7               | $\bot$   | T       | L        |          |                    |           |   |  |
| <u> </u>   | 12       | -  | Н | $\dashv$  | _        | Н        | Н        | -        | H        | H         | -                            | 63         | 1               | $\dashv$              | +            | ╁╾       | Н                    | +            | +       |          |                 | 112        |              | +               | +        | +       | ├        | Н        | -                  | $\dashv$  |   |  |
| $\vdash$   | 14       | H  | Н | $\dashv$  |          | Н        |          | Н        | Н        | H         |                              | 64         |                 |                       | 土            |          | 口                    | 土            |         |          |                 | 114        | П            | $\exists$       | $\pm$    | $\perp$ |          |          |                    |           |   |  |
|  | 15       |  |   |           |          |          |          |          |          |           |                              | 65         | Ш               | $\dashv$              |              |          | П                    | 1            | $\bot$  |          |                 | 115        |              | 4               | 4        | 4       | _        |          | -                  | 4         |   |  |
| <u> </u>   | 15       | ┝  | Н | -         | Н        | H        | -        | _        | ┝        | H         | $\vdash$                     | 66<br>67   | H               | $\dashv$              | +            | +        | Н                    | +            | ╀       |          |                 | 116        | Н            | +               | +        | +       | Н        | Н        | $\dashv$           | $\dashv$  |   |  |
|  | 18       |  |   |           |          |          |          |          |          |           |                              | 68         | Ш               |                       | 土            | 士        | 口                    | 土            |         |          |                 | 118        | $\Box$       |                 |          | 工       |          |          | $\Box$             |           |   |  |
| <u> </u>   | 19       | L  | Н | П         |          | Ц        | L        | _        | <u> </u> | Н         | $\vdash$                     | 69.<br>700 | Ш               | $\dashv$              | +            | +        | $\vdash$             | +            | +       |          |                 | 119<br>120 |              | +               | +        | ╀       | ┞        | $\vdash$ |                    | $\dashv$  |   |  |
| ┢  | 20       | ┝  | Н | Н         | Н        | Н        | ┝        | ┝        | ⊢        | H         | $\vdash$                     | 71         | Н               | $\dashv$              | ╁            | t        | Н                    | ╅            | +       |          |                 | 121        | Н            | $\dashv$        | 十        | 十       |          |          |                    | 7         |   |  |
|  | 22       |  |   |           |          |          |          |          |          |           |                              | 72         | Щ               |                       | ightharpoons |          | П                    | Ţ            | Ţ       |          |                 | 122        | П            | $\dashv$        | 7        | L       |          |          |                    | 4         |   |  |
| <u> </u>   | 23<br>24 | ┞  | Н |           | Н        | H        | <u> </u> | ⊢        | ┡        | $\vdash$  | -                            | 73<br>74   | Н               | $\dashv$              | +            | ╀        | Н                    | +            | +       |          |                 | 123<br>124 |              | $\dashv$        | ╬        | ╁       | ┝        | Н        | $\dashv$           | $\dashv$  |   |  |
|  | 2        | H  | Н |           | Н        | H        | ┢        | ┢        | -        | $\square$ |                              | 75         | Ш               |                       | 土            |          |                      | 土            |         |          |                 | 125        | $\Gamma$     | 1               | 士        | 士       |          |          |                    |           |   |  |
|  | 26       | Г  |   |           |          |          |          |          |          |           |                              | 76<br>77   | Ш               | $\Box$                | 4            | $\perp$  | П                    | 1            | +       |          |                 | 126<br>127 |              | 4               | +        | +       | -        | Н        | $\Box$             | $\dashv$  | , |  |
|  | 27<br>28 | H  | Н | Н         | Н        | $\vdash$ | ⊢        | ┝        | ⊢        | Н         | -                            | 78         | 7               | +                     | +            | +        | Н                    | 十            | 十       |          | Н               | 128        |              | $\dashv$        | +        | ╁╴      | ┢        | Н        | H                  | $\dashv$  |   |  |
|  | 29       | L  |   |           |          |          |          |          |          |           |                              | 79         |                 |                       |              |          |                      | $\perp$      |         |          |                 | 129        |              | コ               | 工        | 工       |          | П        |                    |           |   |  |
|  | 30       | F  | П |           | Ц        | H        | $\vdash$ | L        | F        | H         | <u> </u>                     | 80<br>81   | Н               | ${\mathbb H}$         | +            | +        | Н                    | +            | +       |          | H               | 130<br>131 |              | +               | +        | +       | $\vdash$ | Н        | ${oldsymbol{ech}}$ | $\dashv$  |   |  |
| $\vdash$   | 32       | $\vdash$   | Н | Н         | Н        | -        | <u> </u> |          |          |           |                              | 82         | $\Box$          |                       | 土            | 上        | ㅂ                    | 士            | 1       |          |                 | 132        |              | 士               | 土        | 土       |          | Ħ        | 廿                  | $\exists$ |   |  |
|  | 38       |  |   |           | П        |          | 匚        | Г        |          |           |                              | 83         | П               | П                     | T            | $\perp$  | П                    | $\bot$       | $\bot$  |          |                 | 133        |              | $\dashv$        | Ŧ        | +       |          | $\Box$   | ert                | 4         |   |  |
| <b>—</b>   | 34<br>35 | -  | Н | Н         | Н        | -        | -        | $\vdash$ | -        | H         | -                            | 84<br>85   | $\vdash \vdash$ | $\vdash$              | +            | +        | Н                    | +            | +       |          |                 | 134<br>135 |              | +               | +        | +       | $\vdash$ | Н        | $\vdash \vdash$    | $\dashv$  |   |  |
|  | 36       |  |   |           |          |          |          |          |          | Н         |                              | 86         |                 |                       |              | 上        |                      | 工            | 上       |          |                 | 136        |              |                 | 土        | 上       |          |          |                    |           |   |  |
|  | 3/       |  |   |           |          |          | <u> </u> | L        | ļ.,      | Н         |                              | 87         | Н               | $\dashv$              | +            | ╄        | Н                    | +            | +       |          |                 | 137<br>138 |              | $\dashv$        | +        | ╀       | ⊢        | Н        | $\vdash$           | $\dashv$  |   |  |
| _  | 3B<br>39 | $\vdash$   | Н | Н         |          | ┝        | -        | ┝        | ⊢        | H         | -                            | 88<br>89   | Н               | $\vdash$              | +            | ╁╴       | Н                    | +            | ╁╴      |          |                 | 139        |              | $\dashv$        | 十        | +       | H        | Н        | $\vdash$           | $\dashv$  |   |  |
|  | 40       | L  |   |           |          |          |          |          |          | 口         |                              | 90         |                 |                       | 工            | 上        | 口                    | $\perp$      | 1.      | 1 1      |                 | 140        |              | $\sqsupset$     | 丰        | 1       |          |          |                    | ╛         |   |  |
| <u> </u>   | 41       | F  | П | $\square$ |          |          | <u> </u> | L        | <u> </u> | H         |                              | 91<br>92   | $\vdash$        | $\vdash \vdash$       | +            | +        | Н                    | +            | +-      |          | $\vdash \vdash$ | 141        |              | $\dashv$        | +        | +       | $\vdash$ | Н        | Н                  | $\dashv$  | • |  |
| -  | 42<br>43 | 十  | Н | Н         | Н        | -        | ┢        | H        | H        | H         |                              | 93         | Н               |                       | $\pm$        | 1        | H                    | $\pm$        | 士       |          |                 | 143        | П            | ╛               | 士        | 土       |          |          |                    | $\exists$ |   |  |
|  | 44       | I  |   | 口         |          |          |          |          |          |           |                              | 94         | П               | П                     | I            | F        | П                    | T            | T       |          |                 | 144        |              | $\exists$       | $\bot$   | F       | L        | П        | П                  | 7         |   |  |
|  | 45<br>46 | ⊢  | Н | Н         |          | -        | ┝        | ┢        | $\vdash$ | H         | -                            | 95<br>96   | Н               | $\vdash \vdash$       | +            | ╁╌       | Н                    | +            | +-      |          |                 | 145<br>146 |              | $\dashv$        | +        | +       | ۲        | Н        | $\vdash \vdash$    | $\dashv$  |   |  |
|  | 47       | <del>                                     </del> | H | H         |          |          |          |          |          | Н         |                              | 97         | Ħ               | 世                     | 士            | 工        | Ճ                    | 士            |         | 1        |                 | 147        |              |                 |          | 工       |          | 口        | 口                  | ゴ         |   |  |
|  | 48       | Г  |   | F         |          |          | F        | -        | F        | 口         |                              | 98         | П               | П                     | T            | F        | П                    | Ŧ            | Ŧ       |          |                 | 148<br>149 |              | 4               | 1        | +       | F        | A        | H                  | $\dashv$  |   |  |
| <del> </del>   | 50<br>50 | ╀  | Н | Н         | Н        | -        | ⊢        | $\vdash$ | ╁        | H         | $\vdash$                     | 99<br>100  | H               | ${\sf H}$             | +            | 十        | H                    | $\dashv$     | +       | l l      | <del> </del>    | 150        |              | $\dashv$        | +        | +-      | +        | Н        | 旪                  | $\dashv$  |   |  |
| ш  |          | _  |   | ل         | _        | _        |          |          | -        |           |                              |            | _               |                       |              |          |                      |              |         | •        |                 |            |              | _               |          |         | _        |          |                    | _         |   |  |

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